

USDA BioPreferredSM

Process for Industry Investigation

Designation Item

This section details the item that has been investigated for designation in the BioPreferred program.

Item Investigated: Food Cleaners

Item Description: Anti-microbial products designed to clean the outer layer of various food products, such as fruit, vegetables, and meats.

Industry Investigation

There are eight main sources of information used to gather data about items for designation. These include Internet search engines, the Thomas Register, industry associations, GSA and DLA federal specifications search engines, Javits-Wagner-O'Day Act, Green Seal standards, and biobased industry contacts. Each of these sources provides different results. A lengthy, but thorough list of biobased companies which produce the designation item and performance standards and test methods related to the designation item can be developed best by utilizing all information sources.

Internet Search Engines

When searching the Internet, each search engine utilizes a different algorithm to find related topics. To maximize results and ensure correct data, keywords are entered into several search engines. Primary search engines include Mamma, Dogpile, Vivismo, and Alta Vista.

Search Engine	Keyword	Results
Mamma	Biobased food cleaners Food cleaners Food wash	http://www.nanogreensciences.com http://www.soytek.com/ http://www.orisonmarketing.com/ http://www.alconox.com/ http://www.simplegreen.com http://www.veggiewash.com/ The Rockland Corporation http://www.citrobio.com
Dogpile	See Previous	http://cleangreensinc.com/ http://www.simplegreen.com http://www.veggiewash.com The Rockland Corporation http://www.veggie-wash.com http://www.citrobio.com
Vivismo	See Previous	http://www.veggiewash.com/ http://www.simplegreen.com The Rockland Corporation http://www.citrobio.com
Alta Vista	See Previous	http://www.simplegreen.com Superoxy Food Wash

Thomas Register – (<http://www.thomasregister.com/>)

The Thomas Register, a free web service, provides a database of over 173,000 companies that can be searched by company name, product name or keyword. Each result contains contact information and may also include other useful information such as a product catalog.

Keyword	Results
Biobased Food Cleaners	No Results
Food Cleaners	No Results
Food Wash	No Results

Industry Associations

Industry associations provide a good source to identify potential manufacturers, determine additional keywords for internet searches, and provide general descriptions of products within an item. Many associations maintain official websites with lists of member organizations and in some cases catalogs of available products.

Association Investigated	Results
Biobased Manufacturers Association United Soybean Board National Restaurant Association	No Results

**General Services Administration – Federal Specifications Search
(<http://apps.fss.gsa.gov/pub/fedspecs/search.cfm>)**

This search lists commercial item and federal specifications for different products.

Keyword	Results	
Biobased Food Cleaners	No Results	
Food Cleaners	No Results	
Food Wash	No Results	

**Defense Logistics Agency – ASSIST-Basic Search
(http://www.assistdocs.com/search/search_basic.cfm)**

This search lists military, federal, and commercial item specifications.

Keyword	Results	
Biobased Food Cleaners	No results found	
Food Cleaners	A-A-51447	STRETCHER,(VETERINARY)
	A-A-51646	SPLINT, UNIVERSAL
	A-A-54937	VACUUM CLEANER, PLASTER
	A-A-54692	CAGE, ANIMAL
	A-A-53085A	MOULAGE KIT, COLOSTOMY
	A-A-54943	CLEANER, VACUUM, ELECTRIC PORTABLE, WET/DRY, INFECTIOUS WASTE

	RR-W-456D	WIREWARE, KITCHEN AND BAKESHOP (S/S BY A-A-394 AND A-A-395)
	MIL-W-53122	WATER PURIFICATION UNIT REVERSE OSMOSIS, 3,000 GPH
	MIL-M-36278B	MOULAGE SET, WAR WOUNDS, SET OF 19 (S/S BY A-A-54853)
	P-S-120B	SCALE REMOVING COMPOUND (SOLID AND LIQUID FORM) (S/S BY A-A-19 AND A-A-33)
	P-C-1947A	CLEANING COMPOUND, OVEN (S/S BY A-A-96)
	MIL-A-81801A	ANODIC COATING FOR ZINC AND ZINC ALLOYS (NO S/S DOCUMENT)
	MIL-C-52074C	CLEANERS, VACUUM, 120 V AC, 60 AND 400 HERTZ, 115V DC (NO S/S DOCUMENT)
	MIL-S-6872B	SOLDERING PROCESS, GENERAL SPECIFICATION FOR (USE DOD-STD 1866)
	MIL-STD-1482C	SANITARY STANDARDS FOR BUTTER (AND RELATED PRODUCTS) PLANTS (SEE MIL-STD-3006)
	MIL-STD-1216A	PREVENTIVE COMPOUNDS (CORROSION) AND INHIBITORS (NO S/S DOCUMENT)
	MIL-P-116J	PRESERVATION, METHODS OF (S/S BY MIL-STD-2073-1)
	DOD-STD-1866	SOLDERING PROCESS GENERAL (NON ELECTRICAL) (NO S/S DOCUMENT)
	MIL-HDBK-772	MILITARY PACKAGING ENGINEERING (NO S/S DOCUMENT)
	MIL-STD-1220B	ALCOHOLS AND AMINES, TECHNICAL GRADE (NO S/S DOCUMENT)
	MIL-STD-1475	CONTAMINATION CONTROL TECHNOLOGY PACKAGING PROTECTION OF PRECISION CLEANED MATERIEL (NO S/S DOCUMENT)
	MIL-HDBK-700A	PLASTICS
	MIL-DTL-24800	CLEANING COMPOUND - AQUEOUS - OXYGEN SYSTEMS COMPONENTS
	MIL-STD-3003A	VEHICLES, WHEELED: PREPARATION FOR SHIPMENT AND STORAGE OF
	MIL-HDBK-132A	PROTECTIVE FINISHES FOR

		METAL AND WOOD SURFACES (NO S/S DOCUMENT)
	MIL-HDBK-406	CONTAMINATION CONTROL TECHNOLOGY CLEANING MATERIALS FOR PRECISION PRECLEANING AND USE IN CLEAN ROOMS AND CLEAN WORK STATIONS
	MIL-STD-2148	VIBRATION DAMPING MATERIALS, PROCEDURES FOR INSTALLATION, MAINTENANCE, AND REPAIRS
	MIL-HDBK-263B	ELECTROSTATIC DISCHARGE CONTROL HANDBOOK FOR PROTECTION OF ELECTRICAL AND ELECTRONIC PARTS, ASSEMBLIES AND EQUIPMENT (EXCLUDING ELECTRICALLY INITIATED EXPLOSIVE DEVICES) (METRIC)
	MIL-HDBK-735	MATERIAL DETERIORATION PREVENTION AND CONTROL GUIDE FOR ARMY MATERIAL, PART ONE, METALS
Food Wash	A-A-51661	BASIN, WASH (S/S BY A-A-30057)
	MIL-HDBK-740	DISHWASHING OPERATIONS (NO S/S DOCUMENT)
	A-A-51432A	BENZOYLE PEROXIDE CLEANSING LIQUID (NO S/S DOCUMENT)
	A-A-50819	TOWEL, HAND, GREEN, HUCK, COTTON
	A-A-53485	BASIN, WASH
	A-A-54213	SIMULATED BLOOD POWDER (S/S BY A-A-54853)
	A-A-51284	WASH BOTTLE, LABORATORY, (POLYETHYLENE)
	A-A-51496A	RECOVERY PACK, BLOOD CELL COLLECTION (NO S/S DOCUMENT)
	HHH-P-621E	POTATOES, SWEET, FRESH (USE HHH-V-1744/29)
	MIL-A-37837	ALUMINUM OXIDE SCRUB CLEANSER (S/S BY A-A-50803)
	MIL-Q-37779A	QUINIDINE POLYGALACTURONATE TABLETS (NO S/S DOCUMENT)
	MIL-D-83935B	DISH WASHING SYSTEM (COMMERCIAL), MULTIPLE- TANK, CONTINUOUS OVAL CONVEYOR-TYPE (S/S BY ASTM-

		F1237)
	MIL-STD-1493	CONTRACTUAL SERVICE REQUIREMENTS FOR AUTOMATIC DISHWASHING MACHINE ACCESSORY EQUIPMENT AND SUPPLIES (NO S/S DOCUMENT)
	A-A-53399A	BLOOD RECOVERY DELIVERY SYSTEM
	MIL-D-37231	DEXTROMETHORPHAN HYDROBROMIDE AND GUAIFENESIN SYRUP (S/S BY A-A-50828)
	MIL-I-11490E	INSECTICIDE, LINDANE, POWDER, DUSTING (NO S/S DOCUMENT)
	A-A-0051377	VECURONIUM BROMIDE FOR INJECTION
	A-A-50479	DISHWASHING MACHINES, SINGLE TANK (RACK, MANUAL AND CONVEYOR) AND DOUBLE TANK (RACK, CONVEYOR) COMMERCIAL (NO S/S DOCUMENT)
	A-A-50481	DISHWASHING MACHINES, COMMERCIAL (RACK, STATIONARY) (NO S/S DOCUMENT)
	MIL-B-37244A	BUPIVACAINE HYDROCHLORIDE AND EPINEPHRINE INJECTION (S/S BY A-A-53849)
	MIL-C-37306	CHLORPHENIRAMINE MALEATE, ISOPROPAMIDE IODIDE, AND PHENYLPROPANOLAMINE HYDROCHLORIDE CAPSULES (NO S/S DOCUMENT)
	MIL-HDBK-154B	INSPECTION OF FRUIT AND VEGETABLE FARMS AND PACKING SHEDS IN OVERSEA AREAS
	HHH-S-616C	SPINACH PLANT, FRESH (S/S BY HHH-V-1744/35)
	MIL-C-37644	CALCIUM THIOGLYCOLLATE, TRIHYDRATE, CREAM (S/S BY A-A-53967)
	MIL-H-0037210A	HEMORRHOIDAL SUPPOSITORIES (S/S BY A-A-30025)
	HHH-O-535C	ONIONS, DRY (FRESH, BERMUDA GRANAY TYPE (USE HHH-V-1744/40)

	HHH-P-622C	POTATOES, WHITE, FRESH (USE HHH-V-1744/30)
	L-P-325B	PITCHERS AND SERVERS, PLASTIC, INSULATED (S/S BY A-A-2596)
	MIL-A-37814A	ASPIRIN, ALUMINUM HYDROXIDE GEL, DRIED, AND MAGNESIUM HYDROXIDE TABLETS (S/S BY A-A-51443)
	MIL-B-36420A	BROMPHENIRAMINE MALEATE, PHENYLEPHRINE HYDROCHLORIDE AND PHENYLPROPANOLAMINE HYDROCHLORIDE ELIXIR (NO S/S DOCUMENT)
	A-A-52136A	KETTLES, STEAM JACKETED (STAINLESS STEEL, STEAM HEATED) (NO S/S DOCUMENT)

JWOD.com – Javits-Wagner-O’Day Act (<http://www.jwod.com>)

Products available for sale through JWOD.com are primarily items provided to the Federal Government under the Javits-Wagner-O’Day Act, JWOD, a mandatory source of supply for all Federal government employees. These products are manufactured by nonprofit agencies throughout the United States that employ people who are blind or have other severe disabilities.

Keyword	Results
Biobased Food Cleaners	No Results
Food Cleaners	QUICK CLEAN GRIDDLE SYSTEM RESOLVER Magic Stain Original Carpet Cleaner (Ready-to-use)
Food Wash	CLEANER, DETERGENT, CASCADE DISINFECTANT w/QUATERNARY AMMONIUM, Green GENIE PAC SOILMASTER DETERGENT PRESOAK SKILCRAFT® SCOURING PAD, Green ULTRA CLOROXr Germicidal Bleach

Green Seal Environmental Standards – (<http://www.greenseal.org/>)

Green Seal develops environmental certification standards for specific product categories and certifies products and services that meet them.

Standard Number	Standard Title
No Results	

Company	Products
No Results	

Biobased Company Contacts

Company contacts come as a result of interaction with government officials, researchers, and industry representatives. BioPreferred staff follow-up on personal referrals or potential leads to possible biobased products.

Company	Contact Person	Results
CitroBio, Inc.	Dr. Richard Maguire	CitroBio Fresh Food Wash
Gemtek Products	Mr. Kim Kristoff	AA- Fruit & Vegetable Wash
HealthPro Brands Inc.	Mrs. Peggy Combs	Fit Fruit and Vegetable Wash
Beaumont Products	Mr. Steve Barker	Veggie Wash Natural Produce Cleaner

Conclusion

The results from the eight information sources indicate that 11 manufacturing companies in the United States are currently producing Food Cleaners that may be considered for inclusion in the BioPreferred Program.